



MO 780-0211 (9-01)

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MAR 12 2004

APPLICATION APPLICATION	ON TO DRILL	☐ DEEPE	N ∐ PLI	UG BACK	△ FOR A	N OIL WEAD	Oil®	KOBIGHE N	ADDITION
NAME OF COMPANY O	or operator Oil And Ga	as, Inc					DATE	02/05/2	
ADDRESS 2300 E	Patrick La	ine Suite 26		Las V	egas		STATE ]	NV	ZIP CODE 89119
DESCRIPTION	OF WELL AN	ID LEASE					THE RESERVE		
NAME OF LEASE				WELL NUMBE	ER		ELEVATION	ON (GROUND)	
	Dale Wis	kur			14-1				
WELL LOCATION	2890	FT. FROM (N) (S		FOOTAGE FROM	SECTION LINES)	2 ET EBON	4 (E) (W)	SECTION LINE	
WELL LOCATION	SECTION	TOWNSHIP	RANGE	LATITUDE			COUNTY		
WELL LOCATION	14	43	31	LATITUDE	LONGIT	UDE	Cas		
NEAREST DISTANC	CE FROM PROPO	DSED LOCATION TO	PROPERTY OR L	EASE LINE	1370	FEET			
DISTANCE FROM P	PROPOSED LOCA	ATION TO NEAREST	DRILLING, COMP	LETED OR AP	PLIED - FOR WEI	LL ON THE SAME	E LEASE _		FEE
PROPOSED DEPTH 700'		MOKAT Drilling			D	cable tools Otary	APPROX.	02/11/	
NUMBER OF ACRES II		NUMBER OF WELLS			WELL, COMPLETE	ED IN OR DRILLI	NG TO TH	IS RESERVOIF	₹0
						N	O. OF WE	LLS: PRO	DUCING
		OR MORE WELLS DE							JECTION
NAME		/A							NACTIVE
ADDRESS									NDONED
		☐ SINGLE WE	11		X BI ANK	KET BOND	Tetter (		ON FILE
STATUS OF	BOND	AMOUNT \$					Letter	of Cicuit	-
REMARKS: (IF THIS IS ZONE; USE BACK OF I	AN APPLICATION 1 FORM IF NEEDED.)	O DEEPEN OR PLUG BA	ACK, BRIEFLY DESCI	RIBE WORK TO I		NT \$20,000 RESENT PRODUCIF	NG/INJECTIO	ON ZONE AND EX	LX ATTACHED EXPECTED NEW INJECTION
REMARKS: (IF THIS IS ZONE; USE BACK OF I	FORM IF NEEDED.)	O DEEPEN OR PLUG BA	ACK, BRIEFLY DESCI			RESENT PRODUCI			XPECTED NEW INJECTIO
PROPOSED CASIN AMOUNT	G PROGRAM SIZE	O DEEPEN OR PLUG B	- CE		BE DONE, GIVING PR	RESENT PRODUCI			XPECTED NEW INJECTIO
ZONE; USE BACK OF I	FORM IF NEEDED.)	O DEEPEN OR PLUG B	- CE	AF	BE DONE, GIVING PE	RESENT PRODUCING		TATE GEOLOG	RPECTED NEW INJECTIO
PROPOSED CASIN AMOUNT 700'	IG PROGRAM SIZE 4 1/	O DEEPEN OR PLUG B	- CE S. SUI	EM. rface	PPROVED CASING AMOUNT	S - TO BE FILLEI SIZE	D IN BY ST	TATE GEOLOG WT/FT S/b	SIST  CEM.  SURFACE
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REMIT TWO COPIES TO: MISSOURI OIL AND GAS COUNCIL, P.O. BOX 250, ROLLA, MO 65402

Oil and Gas Wells Air Drilling Specialist

037 - 20750

M.O.K.A.T. DRILLING

Office Phone: (620) 879-5377

100

Lease

DALE WISKUR

14-1

PETROL OIL & GAS INC.

О регатог

Job No.

Driller

Driller

RCEVEDO. Box 590

31

43

FEB 15 2008 Caney, KS 67333 Rge, Mo Oil &

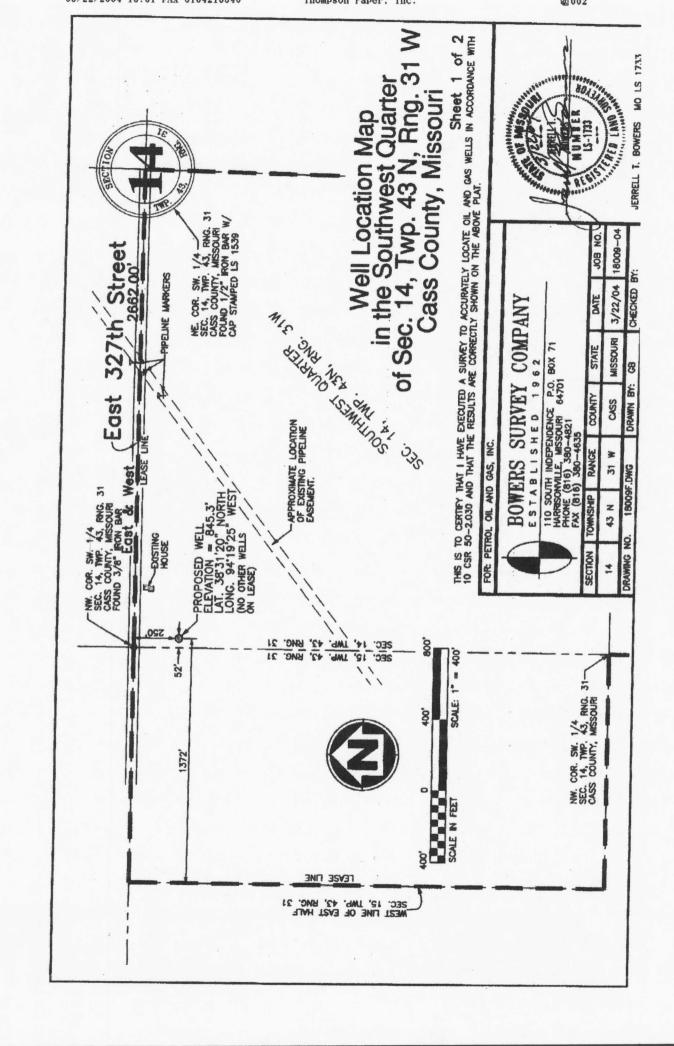
	Date Started   Date Completed	3-19-04		To % Rec.					
	ate StartedC	3-19-04	Coring Record	Size From T					
Oil & Good	Hours Car		Corin						
00	Н			type				i	
//	Depth	440'		Bit No. type					
				To					
~	Type/Well			From					
DALE WISKUR		МО	Bit Record	size		6 3/4"			
DAL	State			No. Type					
		S		Bit No.					
14-1	County	CASS		. 8 5/8"					
GAS INC.			Casing Used	43' 5" OF 8 5/8"	Cement Used		Rig No.	2	
FEIROL OIL & GAS INC.						BILLY			

Formation Record

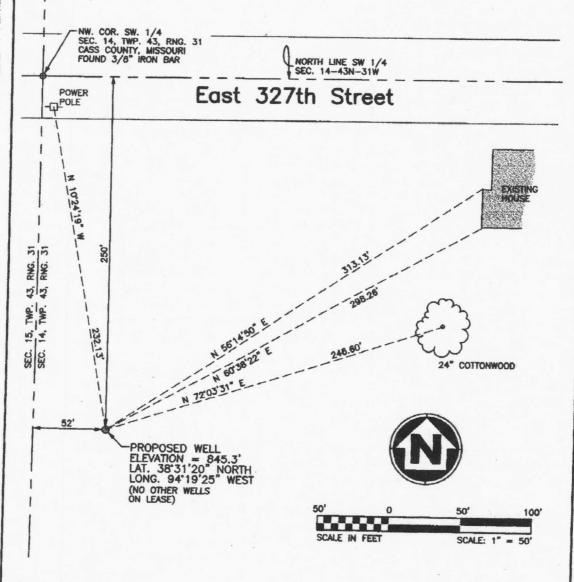
Hammer No.

Driller

From	To	Formation	From	oT To	Formation	From	To	Formation	From	To	Formation
0	4	MUD	291	292	LIME						
4	29	CLAY	292	312	SHALE						
29	39	SHALE	312	368	BLACK SHALE						
39	40	LIME	368	380	SANDY SHALE					+	
40	54	SHALE	380	П	SHALE						
54	55	COAL	386	393	SANDY SHALE						
55	56	LIME	393	405	SAND						
56	19	SHALE	405	408	SHALE						
61	62	COAL	408		SAND						
62	64	SHALE	416		MISSISSIPPI SOFT CHAT						
64	79	LIME	423	425	GREEN SHALE						
62	80	BLACK SHALE	425	432	GREY LIME					+	
80	81	COAL	432	435	BROWN LIME						
81	83	BLACK SHALE	435	438	BLACK LIME					+	
83	92	SHALE	438	440	GREY CHERTY LIME						
92	93	LIME									
93	94	COAL			T.D 440'					+	
95	102	SHALE								+	
102	104	LIME									
104	115	SANDY SHALE									
115	203	SHALE									
203	204	COAL									
204	215	BLACK SHALE								+	
215	217	COAL									
217	224	BLACK SHALE MULKEY	1							+	
224	263	SAND									
239		WENT TO WATER									
264		GAS TEST NO GAS								+	
263	281	SANDY SHALE								1	
281	286	SAND									
286	291	SHALE								1	



# Well Reference Ties in the Southwest Quarter of Sec. 14, Twp. 43 N, Rng. 31 W Cass County, Missouri



#### Sheet 2 of 2

THIS IS TO CERTIFY THAT I HAVE EXECUTED A SURVEY TO ACCURATELY LOCATE OIL AND GAS WELLS IN ACCORDANCE WITH 10 CSR 50-2.030 AND THAT THE RESULTS ARE CORRECTLY SHOWN ON THE ABOVE REFERENCE TIES.

FOR: PETROL OIL AND GAS, INC.



# BOWERS SURVEY COMPANY

ESTABLISHED 1962

110 SOUTH INDEPENDENCE P.O. BOX 71 HARRISONVILLE, MISSOURI 64701 PHONE (816) 380-4821 FAX (816) 380-4635

SECTION	TOWNSHIP	RANGE	COUNTY	STATE	DATE	JOB NO.
14	43 N					18009-04
DRAWING N	O. 18009F	2.DWG	DRAWN BY		CHECKED I	



# WILLIAM T. STOECKINGER

CERTIFIED PETROLEUM GEOLOGIST 5742 HAZEL RD. • BARTLESVILLE, OKLAHOMA 74006 PHONE: (918) 333-7775 • FAX: (918) 333-2224

WISKAR 14-1

FEB 15 2008

WELL NAME: Wiskar 14-1

Mo Oil & Gas Council

LOCATION:

NWNWNW Section 14, 43 N-31 W, Cass County, Missouri.

**ELEVATION**:

835', surveyed

TOTAL DEPTH: 440 feet at 1600 hours, March 19, 2004.

SPUDDED:

Noon, March 19, 2004

CASING:

8 5/8" to 40 feet, 4.5" production casing.

HOLE SIZE:

11 1/4" to 40 feet, and 6 3/4" to TD using button bit, air rig.

LOGS RUN:

Density-Neutron-Gamma Ray, and Induction logs in open

hole using Superior of Hominy, OK.

DRILLING CONTRAC. Mokat Drilling of Caney, KS. using Schramm air rig.

OPERATOR:

Petrol Oil and Gas, Inc. of Las Vegas, NV.

SUPERVISION:

Stoeckinger, Geologist & Gary Bridwell of Petrol Oil and Gas.

STATUS:

Hole is cased, cemented, and ready to test for coalgas.

FORMATIONS TOPS: Lexington coal 52', Summit 80', Mulky 92' (no coal); Squirrel sand 130' (10'); Bevier coal absent; 200' Fleming/ Mineral coal (2'); Weir coal 215' (2'); Upper Drywood 266 (1'); Lower Drywood coal 294' (1 1/2'); Burgess water sand 390' (20'); and Mississippi cherts at 418'.

CONCLUSIONS: Both Summit and Mulky are shale without coal. All coals are gassy based on desorption work using sealed canisters and /or plastic bags. Six gross feet of gassy coal were drilled.

RECOMMENDATION: Perforate and complete for gas in thicker coals beginning with coals at 300 feet.

037-20750

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#### **OPERATIONS**

The well is located a dozen miles south of the main interstate gas pipeline systems and drilled to satisfy lease acquisition terms. Following the drilling of the Schmoll 15-1, the rigged moved 12 miles south and spudded this well at about noon March 19<sup>th</sup>. Again 40 feet of 8 5/8' surface pipe was set and cemented in yellow gummy clay using 8 sacks of cement. The main 6 3/4" hole was carried to 220 feet where water was encountered and the drilling system converted to mist. The Burgess sand at top of Mississippi is composed of coarse, varicolored grains, is very porous and permeable with abundant pyrite. The Mississippi is mostly chert without limestone. The wellbore was logged by Superior Well Services at night on March 19<sup>th</sup>.

Submitted this 29th day of March 2004

W.T. Stoeckinger Certified Petroleum Geologist # 1237 AAPG. 037-20750

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### OIL AND GAS SHOWS

There was no show of gas detected at the surface. No oil odor in any sand.
A lighted flare was placed in the blewy line while drilling, and remained lighted to total depth. Nothing that would burn came from this well at any time. Simple hand checks in the blewy line confirmed the lack of gas on the hole.

The response of the Short Lateral curve on the Induction log indicates agitation of the water standing in the hole at 200 feet from the surface. This agitation is probably gas breaking through the top of the water column. The source of the gas influx is unknown.

### FORMATION EVALUATION

After setting surface casing, the hole was taken to total depth by late afternoon, March 19<sup>th</sup>. The first streak of coal was seen at 50 feet, immediately below very white dense limestone. The Summit and Mulky were logged as coal while drilling, but the Density log indicates both zones to be only black organic shale. Samples collected in plastic bags show very little gas in these shales.

Ten feet of dirty Squirrel sand is seen at 130', and is without gas. The typical Bevier coal-Ardmore lime-Croweburg coal interval appears to be missing. The very coaly interval between 200 and 214 feet is here called the Fleming/Mineral/ Weir package of coals. Based on desorption work in the office from sealed canisters, the Weir coal at 214 feet is still giving up gas 10 days after being collected. Further work will be done to determine the amount of gas in cubic feet per ton. There was no show of gas.

A very porous sand from 220 to 265 feet produced water immediately which seemed quite fresh, but not potable. This sand gave no show of gas. However, the open hole geophysical logs show a pronounce gas effect on the Neutron/ Density curves. A closer look at these logs determined the following:

- 1) Water resistivity based on Rwa work on both the Squirrel and Burgess sand is calculated to be about 0.6 ohms, or a NaCl salinity of about 10,000 PPM.
- 2) Using this Rw, and a porosity of 18% from the Density log, and
- 3) Ro of 30 ohms over the entire sand body,
- 4) The calculated Water Saturation (SW) is 75%.

As a result, only water was produced when drilled. The sand is highly cross bedded and immediately underlies and overlies the thicker coals. As a consequence, if and when these coals are tested for gas, it will be impossible to stimulate the zones and stay out of this water sand. Therefore, be prepared to handle lots of water if a completion is attempted in this well.

037-20750



### M.O.K.A.T. DRILLING RIG #2

P.O. BOX 590 CANEY, KS 67333 Phone (620) 879-5377 Cell (620) 252-8338

"For All Your Drilling Needs" Specializing In Coal Gas

WELL NO.

DATE	INVOICE NO.
3/22/2004	249

Invoice

BILL TO

PETROL OIL & GAS Gary Bridwell P.O. Box 1404 Independence, KS 67301 RECEIVED

FEB 15 2008

Mo Oil & Gas Council

LEASE

DALE WISKUR 14-1 QTY RATE **AMOUNT** DESCRIPTION 2,860.00 440 6.50 440' DRILLED AT \$6.50 PER FT. 50.00 5 10.00 5 SACKS OF PORTLAND CEMENT. 25.00 5 5.00 5 SACKS OF READY MIX CEMENT. THANK YOU Total \$2,935.00